

## Headset

This application is a continuation of International application serial number PCT/DK99/00696, filed 13 December 1999.

The invention concerns a headset for connection to a telephone apparatus, said headset comprising a capsule with a built-in receiver, and on which there is mounted 5 a boom with a microphone, and said headset being connected to a telephone apparatus by means of a wire with associated connection jack. The headset includes amplification and adjustment circuits for both the microphone and receiver, manual operation elements for the setting of said amplification and adjustment circuits, and switching elements for changeover partly depending on the type of microphone on 10 the telephone, and partly depending on the polarity of the telephone apparatus' microphone and receiver wires.

15 Headsets of this kind are configured in such a manner that they can be connected to telephones of different types and makes. Thus, there is possibility for changeover depending on the type of microphone with which the host telephone is provided, in 20 that the host telephone can, for example, be provided with a carbon microphone, an electret microphone or an electro-dynamic microphone, and will be configured in accordance herewith.

25 Moreover, where different types of telephones are concerned, the impedance levels and signal levels for both the transmission side and receiving side can be different, which means that there is need for the adjustment of these if a headset is to be able to be used for different types of telephones. Finally, the jack connections between the telephone and handset and/or headset can involve different positioning of receiver and transmission wires, which means that a changeover of these connections is also required in order for a headset to be able to be used for different types of telephones.

30 The known headsets are therefore provided both with the said amplification and adjustment circuits and operating elements for use in the adjustment of these, and also the said switching elements for changeover depending on the type of microphone and the polarity of the jack connections on the host telephone. These circuits and components are built into a separate unit, which is placed between the host telephone and the headset.

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